GenCore version 4.5

OM protein - protein search, using sw model

Run on: August 28, 2002, 17:37:38 ; Search time 305.46 Seconds
(without alignments)
243.135 Million cell updates/sec

Title: US-09-502-984B-6
Perfect score: 1098
Sequence: 1 KFESKAALLAARGPEELLCF.....AEPSFGGFWSAWSEPVSLLT 211

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 3502263 seqs, 351980561 residues

Total number of hits satisfying chosen parameters: 3502263

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending_Patents_AA_Main:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1098	100.0	211	19	US-09-502-984-6	Sequence 6, Appli
2	1080	98.4	211	19	US-09-502-984-5	Sequence 5, Appli
3	1078	98.2	211	19	US-09-502-984-4	Sequence 4, Appli
4	1075	97.9	211	19	US-09-502-984-9	Sequence 9, Appli
5	1073	97.7	211	19	US-09-502-984-13	Sequence 13, Appl
6	1073	97.7	211	19	US-09-502-984-14	Sequence 14, Appl
7	1073	97.7	211	19	US-09-502-984-15	Sequence 15, Appl
8	1070	97.4	211	19	US-09-502-984-7	Sequence 7, Appli
9	1070	97.4	211	19	US-09-502-984-17	Sequence 17, Appl
10	1066	97.1	211	19	US-09-502-984-16	Sequence 16, Appl
11	1064	96.9	211	19	US-09-502-984-11	Sequence 11, Appl
12	1061	96.6	211	19	US-09-502-984-12	Sequence 12, Appl
13	1060	96.5	211	19	US-09-502-984-2	Sequence 2, Appli
14	1060	96.5	211	19	US-09-502-984-10	Sequence 10, Appl
15	1060	96.5	225	19	US-09-502-984-1	Sequence 1, Appli
16	1060	96.5	438	17	US-09-339-838-5	Sequence 5, Appli
17	1060	96.5	488	8	US-08-474-673-2	Sequence 2, Appli
18	1060	96.5	488	13	US-08-960-733-2	Sequence 2, Appli
19	1059.5	96.5	212	19	US-09-502-984-3	Sequence 3, Appli
20	1057	96.3	220	18	US-09-452-565-6	Sequence 6, Appli
21	1057	96.3	268	18	US-09-452-565-3	Sequence 3, Appli
22	1057	96.3	676	18	US-09-452-565-1	Sequence 1, Appli
23	1053	95.9	211	19	US-09-502-984-8	Sequence 8, Appli
24	1053	95.9	508	14	US-09-016-159-5	Sequence 5, Appli
25	1053	95.9	508	14	US-09-058-429-5	Sequence 5, Appli
26	1052	95.8	438	17	US-09-339-838-7	Sequence 7, Appli
27	1048	95.4	211	19	US-09-502-984-18	Sequence 18, Appl
28	1039	94.6	211	19	US-09-502-984-19	Sequence 19, Appl
29	1034	94.2	211	19	US-09-502-984-20	Sequence 20, Appl
30	1025	93.4	211	19	US-09-502-984-21	Sequence 21, Appl
31	1025	93.4	211	19	US-09-502-984-24	Sequence 24, Appl
32	1024	93.3	211	19	US-09-502-984-25	Sequence 25, Appl
33	1022	93.1	211	19	US-09-502-984-23	Sequence 23, Appl
34	1020	92.9	211	19	US-09-502-984-22	Sequence 22, Appl
35	1020	92.9	211	19	US-09-502-984-26	Sequence 26, Appl
36	1019	92.8	211	19	US-09-502-984-28	Sequence 28, Appl
37	1009	91.9	211	19	US-09-502-984-27	Sequence 27, Appl
38	997	90.8	211	19	US-09-502-984-29	Sequence 29, Appl
39	473	43.1	165	1	PCT-US01-14827-13860	Sequence 13860, A
40	394	35.9	80	26	US-60-160-202-3517	Sequence 3517, Ap
41	260	23.7	53	26	US-60-160-202-4200	Sequence 4200, Ap
42	240	21.9	54	26	US-60-160-202-2419	Sequence 2419, Ap
43	173	15.8	50	26	US-60-182-094-1197	Sequence 1197, Ap
44	168	15.3	56	21	US-09-757-027-710	Sequence 710, App
45	167.5	15.3	117	16	US-09-206-647-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-09-502-984-6
; Sequence 6, Application US/09502984
; GENERAL INFORMATION:
; APPLICANT: Luo, Peizhi
; TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
; FILE REFERENCE: A-68126-1/RFT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/502,984
; CURRENT FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/120,009
; PRIOR FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: 60/131,674
; PRIOR FILING DATE: 1999-04-29
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-6

Query Match 100.0%; Score 1098; DB 19; Length 211;
Best Local Similarity 100.0%; Pred. No. 2.6e-112;
Matches 211; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
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Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
          |||||||||||||||||||||||||||||||
Db    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT   2
US-09-502-984-5
; Sequence 5, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 5
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-5


  Query Match             98.4%;  Score 1080;  DB 19;  Length 211;
  Best Local Similarity   97.2%;  Pred. No. 2.6e-110;
  Matches  205;  Conservative    6;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
          ||||||||||||||||||||||||||||||:||||||||||||:|||:||||||||||||
Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          |||||||||:||||||||||||||||||||:||||||||:||||||||||||||||||||
Db     61 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGLVA 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
          |||||||||||||||||||||||||||||||
Db    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT   3
US-09-502-984-4
; Sequence 4, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 4
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-4


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  Best Local Similarity   96.7%;  Pred. No. 4.3e-110;
  Matches  204;  Conservative    5;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
          |||||||||:|||||||||||||||||:|:|:|||||||||||||:|||||||||||||||
Db    121 RLADESGHVVLRWLPPPETPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
          || | |||||||||||||||||||||||||||
Db    181 TRYTFAVRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT   4
US-09-502-984-9
; Sequence 9, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 9
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-9


  Query Match             97.9%;  Score 1075;  DB 19;  Length 211;
  Best Local Similarity   96.2%;  Pred. No. 9.1e-110;
  Matches  203;  Conservative    6;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          |||||||||||||||||||||||||||||||||||||:||||||||||||||||||||||
Db     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRYHRVIHINEVVLLDAPVGLVA 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
          |||||||||:|||||||||||||||||:|:|:|||||||||||||:|||||||||||||||
Db    121 RLADESGHVVLRWLPPPETPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
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Db    181 TRYTFAVRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT   5
US-09-502-984-13
; Sequence 13, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 13
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-13


  Query Match             97.7%;  Score 1073;  DB 19;  Length 211;
  Best Local Similarity   96.2%;  Pred. No. 1.5e-109;
  Matches  203;  Conservative    6;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
          ||||||||||||||||||||||||||||||:|||||||||||||||||||||||||||||
Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
          ||||||||||:|||||||||||||||:|:|:|||||||||||||:|||||||||||||||
Db    121 RLADESGHVVLRWLPPPETPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
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Db    181 TRYTFAVRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT   6
US-09-502-984-14
; Sequence 14, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 14
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-14


  Query Match             97.7%;  Score 1073;  DB 19;  Length 211;
  Best Local Similarity   96.2%;  Pred. No. 1.5e-109;
  Matches  203;  Conservative    6;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
          ||||||||||||||||||||||||||||||:|||||||||||||||||||||||||||||
Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
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Db    121 RLADESGHVVLRWLPPPETPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
          || | |||||||||||||||||||||||||||
Db    181 TRYTFAVRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT   7
US-09-502-984-15
; Sequence 15, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 15
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-15


  Query Match             97.7%;  Score 1073;  DB 19;  Length 211;
  Best Local Similarity   96.2%;  Pred. No. 1.5e-109;
  Matches  203;  Conservative    6;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
          ||||||||||||||||||||||||||||||:|||||||||||||||||||||||||||||
Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
          ||||||||||:|||||||||||||||:|:|:|||||||||||||:|||||||||||||||
Db    121 RLADESGHVVLRWLPPPETPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
          || | |||||||||||||||||||||||||||
Db    181 TRYTFAVRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT   8
US-09-502-984-7
; Sequence 7, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
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;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 7
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-7


  Query Match             97.4%;  Score 1070;  DB 19;  Length 211;
  Best Local Similarity   95.7%;  Pred. No. 3.3e-109;
  Matches  202;  Conservative    7;  Mismatches    2;  Indels    0;  Gaps    0;

Qy      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
          ||||||||||||||||||||||||||||||:||||||||||||||||||||||||||||||
Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          ||||||||||||||||||||||||||||||:||||||||||||||||||||||||||||||
Db     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRVTAASGAPRFHRVIHINEVVLLDAPVGLVA 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
          ||||||||||:||||||||||||||:|:|:|||||||||||||:|||||||||||||||||
Db    121 RLADESGHVVLRWLPPPETPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
          || | |||||||||||||||||||||||||||
Db    181 TRYTFAVRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT  9
US-09-502-984-17
; Sequence 17, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 17
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-17


  Query Match             97.4%;  Score 1070;  DB 19;  Length 211;
  Best Local Similarity   94.3%;  Pred. No. 3.3e-109;
  Matches  199;  Conservative   12;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
          ||||||||||||||||||||||||||||||:||||||||||:|||:||||||||||||
Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          |||||||||:|||||||||||||||||||:||||||||:|||||||||||||||||:||
Db     61 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGIVA 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
          ||||||||:|||||||||||||||||||:|||||||||||||:|||||||||||||||||
Db    121 RLADESGHIVIRWLPPPETPMTSHIRFEIDISAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
          |||||||||||||||||||||||||||||||
Db    181 TRITLAIRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT  10
US-09-502-984-16
; Sequence 16, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 16
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-16


  Query Match             97.1%;  Score 1066;  DB 19;  Length 211;
  Best Local Similarity   93.8%;  Pred. No. 9e-109;
  Matches  198;  Conservative   12;  Mismatches    1;  Indels    0;  Gaps    0;

Qy      1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
          ||||||||||||||||||||||||||||||:||||||||||:|||:||||||||||||
Db      1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 60

Qy     61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
          |||||||||:|||||||||||||||||||:||||||||:|||||||||||||||||:|||
Db     61 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGIVV 120

Qy    121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
          ||||||||:|||||||||||||||||||:|||||||||||||:|||||||||||||||||
Db    121 RLADESGHIVIRWLPPPETPMTSHIRFEIDISAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy    181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
          |||||||||||||||||||||||||||||||
Db    181 TRITIAIRARMAEPSFGGFWSAWSEPVSILT 211


RESULT  11
US-09-502-984-11
; Sequence 11, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 11
;   LENGTH: 211
;   TYPE: PRT
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```
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-11


  Query Match             96.9%;  Score 1064;  DB 19;  Length 211;
  Best Local Similarity   94.3%;  Pred. No. 1.5e-108;
  Matches  199;  Conservative   10;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
           |||||||||||||||||||||||||||||||:||||||||||||:|||:||||||||||||
Db       1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 60

Qy      61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
           |||||||||:|||||||||||||||||||:||||||||:||||||||||||||||||||||
Db      61 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGLVA 120

Qy     121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
           ||||||||||:|||||||||||||||||:|||||||||||||||:|||||||||||||||
Db     121 RLADESGHVVLRWLPPPETPMTSHIRFEIDISAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy     181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
           || |:|||||||||||||||||||||| ||
Db     181 TRYTVAVRARMAEPSFGGFWSAWSEPVSFLT 211


RESULT  12
US-09-502-984-12
; Sequence 12, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 12
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-12


  Query Match             96.6%;  Score 1061;  DB 19;  Length 211;
  Best Local Similarity   94.3%;  Pred. No. 3.2e-108;
  Matches .199;  Conservative   10;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
           |||||||||||||||||||||||||||||||:||||||||||||:|||:||||||||||||
Db       1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 60

Qy      61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
           |||||||||:|||||||||||||||||||:||||||||:||||||||||||||||||||||
Db      61 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGLVA 120

Qy     121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
           ||||||||||:|||||||||||||||||:|||||||||||||||:|||||||||||||||
Db     121 RLADESGHVVLRWLPPPETPMTSHIRWELDISAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy     181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
           || | |||||||||||||||||||||||:||
Db     181 TRFTFAVRARMAEPSFGGFWSAWSEPVSILT 211


RESULT  13
US-09-502-984-2
; Sequence 2, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 2
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-502-984-2


  Query Match             96.5%;  Score 1060;  DB 19;  Length 211;
  Best Local Similarity   93.8%;  Pred. No. 4.1e-108;
  Matches  198;  Conservative   11;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
           |||||||||||||||||||||||||||||||:||||||||||||:|||:||||||||||||
Db       1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 60

Qy      61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
           |||||||||:|||||||||||||||||||:||||||||:||||||||||||||||||||||
Db      61 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGLVA 120

Qy     121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
           ||||||||||:|||||||||||||||||:|||||||||||||||:|||||||||||||||
Db     121 RLADESGHVVLRWLPPPETPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy     181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
           || | |||||||||||||||||||||||||||
Db     181 TRYTFAVRARMAEPSFGGFWSAWSEPVSLLT 211


RESULT  14
US-09-502-984-10
; Sequence 10, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 10
;   LENGTH: 211
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
US-09-502-984-10


  Query Match             96.5%;  Score 1060;  DB 19;  Length 211;
  Best Local Similarity   93.8%;  Pred. No. 4.1e-108;
  Matches  198;  Conservative   11;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
           |||||||||||||||||||||||||||||||:||||||||||||:|||:||||||||||||
Db       1 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 60
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Qy      61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
           |||||||||:||||||||||||||||||||:||||||||:||||||||||||||||||||
Db      61 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGLVA 120

Qy     121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
           ||||||||||:|||||||||||||||:|:||||||||||||||:|||||||||||||||
Db     121 RLADESGHVVLRWLPPPETPMTSHIRWEIDISAGNGAGSVQRVEILEGRTECVLSNLRGR 180

Qy     181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
           || |:|||||||||||||||||||||| ||
Db     181 TRFTVAVRARMAEPSFGGFWSAWSEPVSFLT 211


RESULT  15
US-09-502-984-1
; Sequence 1, Application US/09502984
; GENERAL INFORMATION:
;  APPLICANT:  Luo, Peizhi
;  TITLE OF INVENTION:  STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
;  FILE REFERENCE:  A-68126-1/RFT/RMS/RMK
;  CURRENT APPLICATION NUMBER: US/09/502,984
;  CURRENT FILING DATE:  2000-02-11
;  PRIOR APPLICATION NUMBER:  60/120,009
;  PRIOR FILING DATE:  1999-02-11
;  PRIOR APPLICATION NUMBER:  60/131,674
;  PRIOR FILING DATE:  1999-04-29
;  NUMBER OF SEQ ID NOS:  36
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 1
;   LENGTH: 225
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-502-984-1


  Query Match             96.5%;  Score 1060;  DB 19;  Length 225;
  Best Local Similarity   93.8%;  Pred. No. 4.5e-108;
  Matches  198;  Conservative   11;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 KFESKAALLAARGPEELLCFTERLEDLVCFFEEAASAGVGPGNFSFSFQLEDEPWKLCRL 60
           ||||||||||||||||||||||||||||||:||||||||||||:|||:||||||||||||
Db      10 KFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPGNYSFSYQLEDEPWKLCRL 69

Qy      61 HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
           |||||||||:||||||||||||||||||||:||||||||:||||||||||||||||||||
Db      70 HQAPTARGAVRFWCSLPTADTSSFVPLELRVTAASGAPRYHRVIHINEVVLLDAPVGLVA 129

Qy     121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
           ||||||||||:|||||||||||||||:|:|:||||||||||||:|||||||||||||||
Db     130 RLADESGHVVLRWLPPPETPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLSNLRGR 189

Qy     181 TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
           || | |||||||||||||||||||||||||||
Db     190 TRYTFAVRARMAEPSFGGFWSAWSEPVSLLT 220


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Job time: 514 sec
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